C. K. DAVIS.

CALENDAR KEY RING.

APPLICATION FILED JULY 5, 1912.

1,069,533. Patented Aug. 5, 1913.

Fig. 1

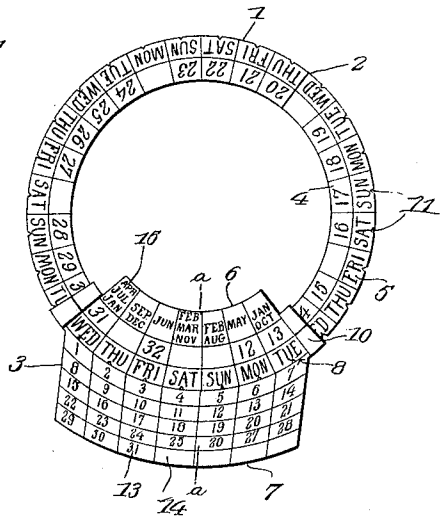
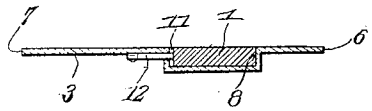


Fig. 3.



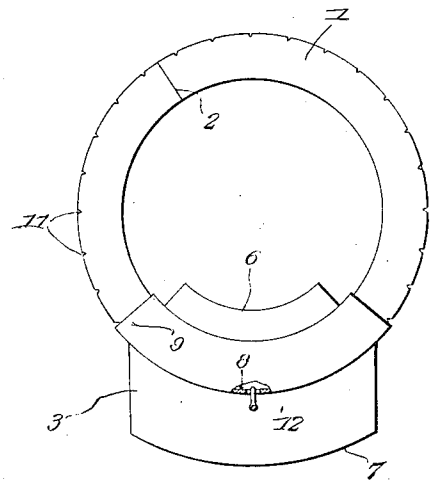


Fig. 2.

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CALENDAR KEY-RING.

1,069,533. Specification of Letters Patent. Patented Aug. 5, 1913.

Application filed July 5, 1912. Serial No. 707,801.

To all whom it may concern:

Be it known that I, CLARENCE K. DAVIS, a citizen of the United States, residing at Wilmington, in the county of New Hanover and State of North Carolina, have invented new and useful Improvements in Calendar Key-Rings, of which the following is a specification.

This invention is an improved calendar key ring which may be used both as a key ring and as a perpetual calendar, the object of the invention being to provide an improved device of this character which is cheap and simple, is ornamental in appearance, is strong and durable, and which may be readily adjusted to indicate any desired date, the invention consisting in the construction, combination and arrangement of devices, hereinafter described and claimed.

In the accompanying drawing: Figure 1 is a face elevation of a combined calendar and key ring constructed in accordance with my invention. Fig. 2 is a reverse elevation of the same. Fig. 3 is a detail sectional view of the same on the plane indicated by the line *a*—*a* of Fig. 1.

My improved calendar and key ring comprises a flat ring 1 open at the point 2 to enable a key to be engaged therewith, and also comprises a tab 3 which is slidably connected to the ring for adjustment on and around the same to any desired point. The ring is provided on its face with an inner scale 4 designating years and an outer scale 5 concentric with the scale 4 and designating days of the week and arranged in suitable order. For the purposes of this specification, the device is shown as arranged for use for a period of twenty-one years between the years, nineteen twelve and nineteen thirty-two, inclusive, and, hence, the numbers on the year scale 4 run from twelve to thirty-two, there being appropriate spaces between some of the numbers and the day designations of the day scale 5, being appropriately arranged with respect to the numbers of the year scale.

The slide or tab 3 has curved inner and outer edges 6—7 which are concentric with the ring 1 and the said slide or tab, which is preferably made of thin sheet metal, is struck up and formed with a curved groove or way 8 in its face which is concentric with and spaced from the curved inner edge 6 and is of a depth and width corresponding to the dimensions of the ring 1, so that the surface of the ring is exactly flush with the surface of the slide or tab. Said slide or tab is also formed with extensions 9, at its inner corners, which extensions are provided with arms 10 that are bent around the ring and, hence, the tab or slide is securely connected to the ring and arranged to be adjusted on and around the same to any desired point. The outer edge or periphery of the ring 1 is provided with notches 11 corresponding with the spaces or radial columns formed on the ring by the scales 4—5 and the slide or tab is provided on its rear side with a spring detent 12, the point of which projects through one side wall of the groove or way 8 and is adapted to engage any of the notches 11.

The tab is provided on its face, on its outer side, or that portion which is beyond the radius of the ring 1 with a day calendar 13 containing numbers representing all the days of a month, from one to thirty-one, consecutively, and arranged in a series of columns 14. This day calendar 13 has its columns of the same width as and adapted to register with the spaces containing the names of the days of the week in the scale 5 on the ring. That portion of the tab or slide which projects inwardly from the inner side of the ring 1 is provided with a month scale 15 in which designations of the months of a year are arranged in radial columns 16, which are adapted to register with the spaces of the inner, year scale 4 of the ring. To adjust the calendar, the tab is turned until the desired month registers with the desired year on the ring.

By appropriately shifting and securing the tab or slide 3 on the ring 1, the said slide and ring may be caused to coöperate to form a calendar for any month of any year between and including the years nineteen twelve and nineteen thirty-two, as will be understood. While the spring detent 12 by its engagement with the notches 11 of the ring permits the tab to be adjusted on the ring, yet it prevents casual movements of the tab and, hence, holds the tab at the required adjustment.

While I have herein shown and described a preferred form of my invention, I would have it understood that changes may be made in the form, proportion and construction of the several parts without departing from the spirit of my invention and within the scope of the appended claims.

I claim:—

1. In a device of the class described, the combination of a flat ring having peripheral notches, and a tab having a curved groove to receive a portion of the ring, said tab having extensions at the corners next to the ring provided with arms bent around the ring, so that the tab is slidably connected to the ring, the tab being also provided with a spring detent, the point of which projects through one wall of the groove and is adapted to engage any of the notches of the ring.

2. A calendar, comprising a ring having concentric scales on one side, one scale indicating years and the other days of the week, and a tab connected to the ring for angular movement thereon and having a day calendar containing numbers representing all of the days of the month and arranged in a series of columns to register with the spaces of the day scale of the ring, the said tab also having a scale containing the designations of the months of the year and adapted to register with the year scale of the ring.

3. A calendar, comprising a ring having concentric scales on one side, the inner scale indicating years and the outer scale indicating days of a week, and a tab connected to the ring for angular movement thereon and having a day calendar arranged on the outer side of the ring containing numbers representing all the days of a month and arranged in a series of columns to register with the day spaces of the ring, the said tab also having a scale arranged on the inner side of the ring and containing the designations of the months of a year and adapted to register with the year scale of the ring.

In testimony whereof I affix my signature in presence of two witnesses.

CLARENCE K. DAVIS.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."